

# Mathematics 2003, Grade 4

Mathematics Composite

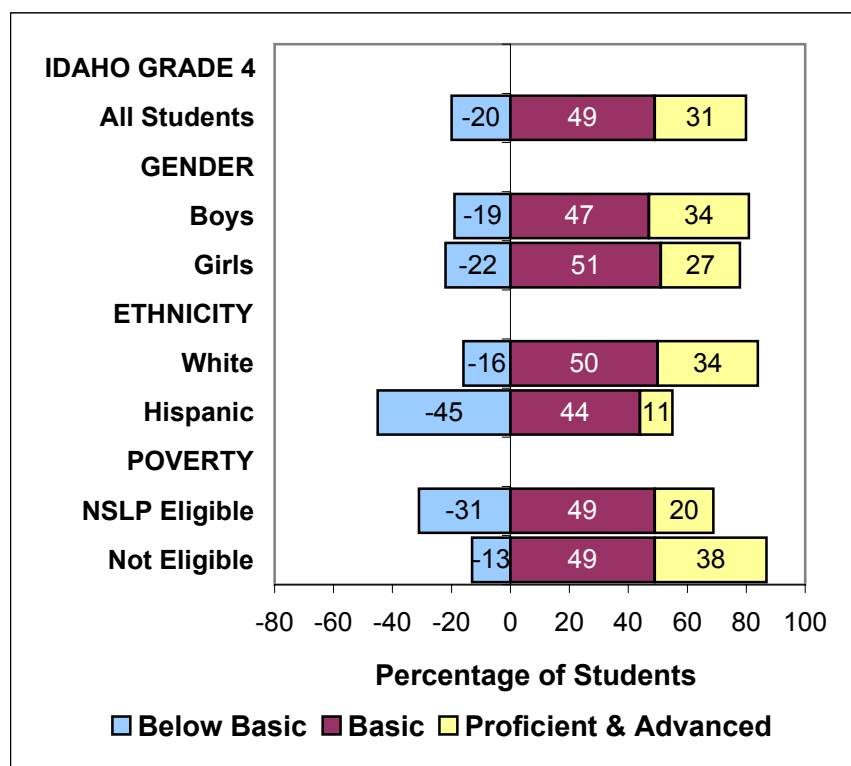


Idaho NAEP Snapshot

Volume 2003, Number 15

The Mathematics assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student skills with number properties and operations, measurement, geometry, data analysis and probability, and algebra. The math scale ranges from 0 to 500, where 214 is a *Basic* performance, 249 is *Proficient*, and 282 is *Advanced*.

## Mathematics Performance Levels by Demographic Group in Idaho



- ◆ On the NAEP 2003 mathematics assessment, the percentage of 4th grade girls who scored at or above *Basic* (78 percent) was not significantly different from the boys (81 percent).
- ◆ On the NAEP 2003 mathematics assessment, the percentage of White 4th grade students who scored at or above *Basic* (84 percent) was higher than their Hispanic peers (55 percent). Sample size was not sufficient to permit a reliable estimate of mathematics performance for Black, Asian, and American Indian students.
- ◆ On the NAEP 2003 mathematics assessment, the 69 percent of 4th grade students who qualified for free or reduced price meals in the National School Lunch Program scored at or above *Basic*. This was lower than the percentage of students who were not eligible for the program (87 percent).

Comparisons are based on statistical tests (.05 level) that consider magnitude of difference and standard errors.

Visit <http://www.sde.state.id.us/naep/> for additional results and more information about Idaho NAEP.